

# Processing Belts XVT-2759



## Main industry segments

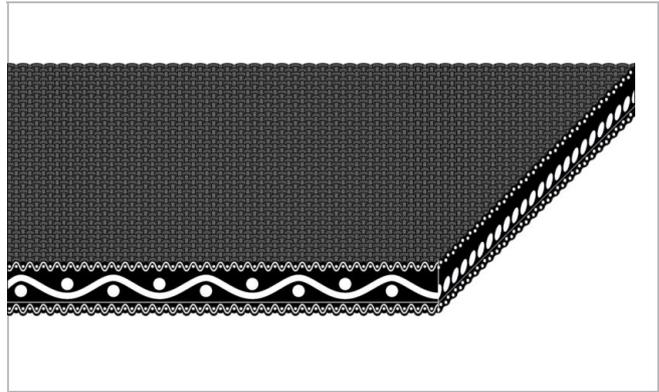
Wood panel and boards

## Applications

Prepress belt

## Special features

High modulus of elasticity, Hydrolysis resistant, Pressure resistant



Product Construction / Design	
Conveying side material	Polyester (PET)
Conveying side surface	Impregnated fabric
Conveying side property	Non-adhesive
Conveying side color	Black
Traction layer (material)	Aramid fabric
Number of Fabrics	3
Pulley side material	Polyester (PET)
Pulley side surface	Impregnated fabric
Pulley side property	Non-adhesive
Pulley side color	Black

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

# Processing Belts

## XVT-2759



Technical data		
Thickness of belt	3.7 mm	0.15 inch
Mass of belt (belt weight)	4.0 kg/m <sup>2</sup>	0.819 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	49 N/mm	280 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	32 N/mm	183 lbf/in
Min. operating temperature admissible (continuous)	-20 °C	-4 °F
Max. operating temperature admissible (continuous)	50 °C	122 °F
Coefficient of friction (pulley side / steel driving pulley)	0.15 -	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35 -	
Coefficient of friction (pulley side / pickled steel slider bed)	0.20 -	
Coefficient of friction (pulley side / phenolic resin slider bed)	0.15 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.20 -	
Seamless manufacturing width	3800 mm	149.61 inch

### Joining related properties

Joining method	
Flexproof 10 x 120	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Flexproof 10 x 120
Pulley diameter (minimum)	mm inch	250 9.84
Pulley diameter minimum with counter flection	mm inch	250 9.84
Admissible tensile force per unit of width	N/mm lbf/in	72 411
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	64 365
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		No
Powerturns / curved installations		No
Knife-edge (nosebar) suitable		No
Low noise applications		No
Metal detector suitable		No

*All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.*

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## Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

## Mode of use or conveyance

Horizontal, Inclined

## Calculations

Computer assisted - only at Habasit Reinach for prepress applications. A special form to register data is available at your local Habasit partner.

## Recommendation

Do not force belt over edges and use crow bars (no striking and buckling), Do not force when handling during installation, Maximum initial elongation: 0.7%!, Recommended initial elongation 0.3 - 0.5%

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

Group	Wood Processing Belts
Sub-Group	Pre-Press Belts
Item number	H950033954

## Disclaimer

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